

## GRADE 8 MATHEMATICS & SCIENCE

# NAEP-TIMSS International Linking Study

### WHAT IS NAEP?

**The National Assessment of Educational Progress (NAEP)** is the only nationally representative assessment of what our nation's students know and can do in core subjects.

### WHAT IS TIMSS?

**The Trends in International Mathematics and Science Study (TIMSS)** provides reliable and timely data on the mathematics and science achievement of U.S. fourth- and eighth-grade students compared to that of students in other countries.

In 2011, NCES will conduct a special study to link the mathematics and science results of the National Assessment of Educational Progress (NAEP) and the Trends in International Mathematics and Science Study (TIMSS).

**The NAEP-TIMSS 2011 International Linking Study in grade 8 mathematics and science** offers an exciting opportunity for states, where NAEP scores will be placed on the TIMSS mathematics and science scale to provide a comparison between states and more than 50 participating countries. NAEP and TIMSS will both be administering assessments in grade 8 in 2011, enabling the link between the two assessments to occur.

In addition to the NAEP grade 8 state-level results, which include comparisons to participating states and the nation and NAEP trend comparisons from 1992 to 2011, states will receive a projected TIMSS score and comparisons to participating countries.



Additional information about TIMSS is available at <http://nces.ed.gov/timss/>.



## Release of Mathematics and Science Results

The national and state NAEP mathematics results will be released in the fall of 2011, and science results will be released in the spring of 2012. The international linking study results are planned for release following the TIMSS release in late 2012. States will receive projected TIMSS scores for both mathematics and science at this time.

## TIMSS Results for Select States

A select number of states will have the opportunity to receive state-specific TIMSS results along with a projected TIMSS score. A validation of the NAEP-TIMSS linking will be completed by obtaining state-level TIMSS data for these select states. These states will have state-representative samples of students participate in TIMSS during the TIMSS assessment window (April 4 to May 27, 2011).

## What Do I Need to Know?

### NAEP-TIMSS Linking Study

- A sample of students in each school will be assessed during the NAEP window (January 24 to March 4, 2011).
- States will receive NAEP grade 8 state results for mathematics and science, including trend comparisons from 1992 to 2011 and a projected TIMSS score.

### NAEP-TIMSS Validation Study

- Approximately six states will be selected to participate in the NAEP-TIMSS Validation Study.
- A sample of students will participate in the full TIMSS assessment during the TIMSS window (April 4 to May 27, 2011).
- These select states will receive state-specific TIMSS results along with the projected TIMSS score.



Further information about NAEP is available at <http://nationsreportcard.gov> and <http://nces.ed.gov/nationsreportcard>.

